

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE7/A
Shuman
12-20-01

In Re Patent Application of:)

CERTIFICATE OF MAILING

ALVIN J. WATSON)

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Serial No.: 09/542,032)

ASSISTANT COMMISSIONER FOR
PATENTS, BOX AMENDMENT,

Filed: April 3, 2000)

WASHINGTON, D.C. 20231 on

Examiner: R. Leykinl)

10/29, 2001.

Group Art Unit: 2837)

Christine KierzekSYSTEM AND METHOD FOR
VARIABLE PUMP CONTROL)

Typed Name

Christine Kierzek
Signature

AMENDMENT

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DEC 19 2001

TECHNOLOGY CENTER 2800

12/21/2001 TDANKINS 00000001 501170 09542032
Assistant Commissioner for Patents
Box Amendment-No Fee
Washington, D.C. 20231

Sir:

Responsive to the Office Action dated May 18, 2001, please amend the above-
identified application as follows:IN THE CLAIMS:

Please amend the claims to read as follows:

1. (Amended) A system for controlling the speed of an AC electric motor
connected to a cyclical load, the system comprising:
- a signal conversion circuit to convert an AC electric signal to a DC electric signal;
 - a signal measurement circuit sampling the DC electrical signal and deriving a DC
electric characteristic signal corresponding to a motor attribute in response thereto;

Adjustment date: 03/21/2002 EEKUBAY1
12/21/2001 TDANKINS 00000001 501170 09542032
01 FC:103 18.00 CR
02 FC:102 336.00 CR
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